

WAA  
N699m  
1827







# MEDICAL STATISTICS;

OR A

## COMPARATIVE VIEW OF THE MORTALITY

IN

NEW-YORK, PHILADELPHIA, BALTIMORE, AND BOSTON,

FOR A SERIES OF YEARS:

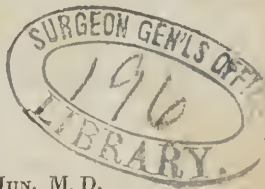
INCLUDING

COMPARISONS OF THE MORTALITY OF WHITES AND BLACKS IN THE  
TWO FORMER CITIES; AND OF WHITES, FREE BLACKS,  
AND SLAVES, IN BALTIMORE.

By NATHANIEL NILES, JUN. M. D.

AND

JOHN D. RUSS, M. D.



NEW-YORK :

PUBLISHED BY ELAM BLISS, 128 BROADWAY.

J. SEYMOUR, PRINTER, JOHN-ST.

1827.

W 4 A  
8639  
1837  
C 2

*Southern District of New-York, ss.*

BE IT REMEMBERED, That on the nineteenth day of July, in the year of our Lord one thousand eight hundred and twenty-seven, and in the fifty-second year of the Independence of the United States of America, Nathaniel Niles, jun. and John D. Russ, of the said District, hath deposited in this office the title of a book, the right whereof they claim as authors and proprietors, in the words following, to wit:

"Medical Statistics; or a Comparative View of the Mortality in New-York, Philadelphia, Baltimore, and Boston, for a series of years, including Comparisons of the Mortality of Whites and Blacks in the two former Cities, and of Whites, Free Blacks, and Slaves, in Baltimore. By Nathaniel Niles, jun. M. D. and John D. Russ, M. D."

In conformity to the Act of Congress of the United States, entitled, "An Act for the encouragement of Learning, by securing the copies of Maps, Charts, and Books, to the authors and proprietors of such copies, during the times therein mentioned" And also to an Act entitled, "An Act supplementary to an Act entitled, An Act for the encouragement of Learning, by securing the copies of Maps, Charts, and Books, to the authors and proprietors of such copies, during the times therein mentioned, and extending the benefits thereof to the arts of designing, engraving, and etching historical and other prints."

FRED. J. BETTS,  
Clerk of the Southern District of New-York.

## REMARKS.

---

THE matter contained in the following Tables has been taken from authentic bills of mortality ; and so far as comparisons have been instituted, diseases of the same general character have been included under the same head for each of the cities.

The most recent censuses which have been taken in each of the several cities have served as a basis for estimating the population, on the supposition that the increase has been regularly progressive from one of those periods to the other.

In New-York, (being under the official superintendence of a medical gentleman,) the returns on which we found our present calculations, are made with greater regularity than in the neighbouring cities. This will account for the apparent deficiencies in the Tables relating to Baltimore and Boston.

Would not the ends of justice, as well as the cause of science, be promoted by the appointment of a medical officer in every city, whose duty it should be to examine the circumstances attending the death of every individual, and to make a return of the age, sex, profession, disease and its duration, as well as the time and place of death ; regard being always paid to the circumstances of colour, and of freedom or slavery ?

A uniform method might be adopted for reporting these facts in a tabular form, so as greatly to facilitate future investigations and comparisons. In this way the chances of life in one city could be readily compared with those in another—the comparative advantages of town and country residence, under similar latitudes, determined. The influence of various causes of death, which are now unseen and unknown, could thus be measured and comprehended. But these investigations should be accompanied by topographical descriptions and meteorological observations.

The study of diseases under their general classifications, in relation to topography and the influence of climate, as heat and cold, drought and dampness, sunshine and shade, exposure to winds, &c. is of great interest; and these investigations become more important as our inquiries extend to the influence of occupations, poverty and wealth, political superiority or subordination, prevailing vices, &c. upon the longevity of man, and his reproductive capacities, intellectual and physical perfection, under the more or less varying effects of these several causes. A sufficient number of observations, embracing all these conditions, would afford a sure basis for a comparative estimate of the value or length of life, under the dominant influence of each.

The combining and comparing the great facts in the natural and civil history of every individual, offers, in this country at least, a wide and unoccupied field for interesting research.

A record of all births, and the ages of the father and mother at the time of the birth of each of their children, would furnish the means for ascertaining the duration of successive generations, and of instituting inquiries as to the influence of climate, the greater or less degree of refinement in society, &c. upon the development of the human body into a state of perfect manhood.

To pursue our remarks, we will venture to call the public attention to the importance of having annual returns made of the amount of political crimes in each State; so that they may be classified, and compared with crimes of a similar character in other States of the Union, in proportion to their population, and also with those of other countries. By these means the influence of climate, laws, manners, systems of religion, occupations, slavery, &c. would be rendered comprehensible, and enable us to appreciate the perfection of our own country and its institutions, in comparison with others.

Let similar investigations be instituted in relation to all the evidences of public prosperity and distress, and the whole elements of society will be disclosed to our contemplation, and lead us directly to a knowledge of the defects and their causes, which exist in our system of social and legal order. In this extended sense, statistics furnish the true lights to the philosopher and legislator.



TABLE I.

*Summary of Deaths per year, in the City of New-York, for a series of eleven years, by the following Diseases.*

Years.	Population.	Whole No. of Deaths.	Consumption.	Acute Diseases of the Lungs.	Whole No. of Deaths by Diseases of Lungs.	Fevers.	Dropsies.	Dysentery.	Cholera Infantum, (for nine years.)	Croup.	Tabes Mesenterica.	Gastro Enteritis.	Whooping Cough.	Apoplexy.	Measles.	Interperance.	Diseases of the Liver.	Palsy.	Smallpox.	Suicide.
1816	111830	2739	678	188	866	129	211	71	...	87	47	53	44	53	19	30	30	22	179	15
1817	114660	2527	574	137	711	221	137	71	...	69	39	61	11	46	20	40	54	29	14	15
1818	117560	3265	591	175	766	347	241	141	68	78	111	61	123	46	18	38	40	46	19	24
1819	120550	3176	577	126	703	236	223	219	133	78	137	47	55	67	10	35	41	40	00	27
1820	123606	3515	625	147	772	346	289	242	169	104	113	64	19	54	74	28	44	41	00	15
1821	131120	3542	715	155	870	339	287	142	114	140	96	60	92	45	109	64	45	37	00	16
1822	139100	3231	624	165	789	398	245	109	115	125	84	73	35	60	144	40	36	00	13	
1823	147530	3444	683	181	864	190	291	98	150	102	93	88	31	58	117	43	48	31	18	18
1824	156530	4341	736	210	946	179	377	120	102	154	120	123	116	52	100	70	50	40	394	19
1825	166037	5018	843	295	1138	435	343	138	151	141	143	117	69	147	53	84	72	62	40	14
1826	176190	4973	820	290	1110	335	350	193	222	161	132	114	126	69	31	55	64	44	58	29

In this Table, under the head Acute Diseases of the Lungs, we have included Pleurisy; for although in its commencement it may be a distinct disease, it rarely, if ever occasions death, without affecting the body of the lungs.

Every description of Fever as returned, except Scarlet and Hectic, are included under the general head of Fevers. The Typhoid character of Puerperal Fever appears so evident from its general prevalence at the same epochs with Typhus, that we have taken the liberty to include it also under the same head.

Under Dropsies, all forms of that disease are included.

TABLE II.

*Summary of Deaths per Month in the City of New-York, for a series of eleven years, by the following Diseases, viz :*

DISEASES.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Consumption .....	660	659	644	664	616	510	591	663	579	583	645	650	7466
Acute Diseases of Lungs .....	200	292	254	230	210	114	117	105	92	141	152	172	2069
Fevers .....	178	137	158	186	211	245	262	374	497	441	305	211	3203
Dropsies .....	244	257	241	245	259	242	272	308	269	259	210	245	3044
Dysentery .....	22	14	29	7	16	28	233	489	578	203	79	36	1544
Cholera Infantum (10yrs) .....	2	2	2	1	5	32	246	527	288	108	14	18	1245
Croup .....	137	106	122	106	91	66	69	67	84	140	139	122	1239
Tabes Mesenterica .....	63	66	85	95	79	69	80	126	139	135	89	84	1115
Gastro Enteritis .....	48	54	56	60	60	76	121	97	94	69	67	59	861
Whooping Cough .....	53	66	42	33	37	31	73	105	105	71	56	49	721
Apoplexy .....	49	59	56	47	57	45	109	59	45	59	55	57	697
Measles .....	48	42	46	45	32	44	65	77	45	39	24	45	552
Interperance .....	49	32	33	31	49	47	46	43	44	47	63	47	531
Diseases of the Liver .....	48	46	34	35	34	39	57	44	36	64	41	50	523
Palsy .....	42	42	44	31	23	23	31	33	25	41	34	44	428

This Table presents an interesting view of the influence of season upon different diseases. Consumptions, Dropsies, Diseases of the Liver, and Palsy, being chronic forms of disease, are not, in their termination, particularly under the influence of season: On the contrary, its effect is strikingly manifested in all acute forms of disease.

TABLE III.

Table showing the proportion of Deaths in New-York, by the following Diseases, to the whole number of Deaths, and the proportion of Deaths (stillborn excluded) to the Population.

Years.	Population.	Whole No. of Deaths, stillborn excluded.)	Deaths to Population, (stillborn excluded) as one in	By Consumption, as one in	By Acute Diseases of the Lungs, as one in	By Diseases of the Lungs, as one in	By Fevers, as one in	By Dropsies, as one in	By Dysentery, as one in	By Cholera Infantum, as one in	By Croup, as one in	By Apoplexy, as one in	By Intemperance, as one in	By Palsy, as one in
1816	111830	2651	42 183	91 14	10 3	06 20	55 12	97 37	33 33	.....	30 47	50 01	88 36	120 50
1817	114660	2409	47 59	4 19	17 58	3 38	10 90	12 83	33 93	.....	34 92	52 37	60 22	83 06
1818	117560	3106	37 84	5 26	17 74	4 05	3 93	12 88	22 02	45 67	39 81	67 52	81 74	67 52
1819	120530	3008	40 07	5 21	23 89	4 28	10 51	13 43	13 73	22 62	38 56	44 89	85 94	75 20
1820	123606	3326	37 10	5 32	22 62	4 30	9 61	11 50	13 71	19 63	31 98	61 59	118 78	81 12
1821	131120	3368	38 93	4 71	21 72	3 87	9 93	11 73	23 71	29 54	24 05	74 84	52 62	91 02
1822	139100	2971	46 77	4 76	18 02	3 77	7 47	12 14	27 28	25 89	23 79	49 56	67 59	82 62
1823	147580	3221	45 81	4 71	17 79	3 73	16 95	11 07	32 86	21 47	31 57	55 53	74 90	103 90
1824	156530	4091	38 26	5 55	19 43	4 32	22 86	10 85	34 09	40 10	26 56	78 67	58 44	102 27
1825	166087	4774	34 79	5 66	16 18	4 19	10 97	13 91	34 59	31 61	33 86	32 47	56 83	77 00
1826	176190	4671	37 71	5 69	16 10	4 20	13 94	13 34	24 20	21 04	29 01	67 69	84 92	106 15

The Census of 1810, 1820, and 1825, have served us as a basis for estimating the population of the intermediate years, on the supposition that the increase has been regularly progressive from one of those epochs to the other.

TABLE IV.

This Table shows the proportion of Deaths, among the Blacks, to their Population, in the City of New-York, for the following years.

Years.	Black Population.	Whole Number of Deaths.	Proportion of Deaths among the Blacks to Population is as 1 in
1821	10730	550	19 50
1822	.....	*	.....
1823	11600	432	26 85
1824	12070	718	16 81
1825	12559	875	14 35
1826	13060	743	17 53

It is worthy of remark, that the rate of increase among the Blacks of the city of New-York, is about 2 per cent. per annum less than that of the Whites, for the last eight years. It is to be regretted that the Diseases which have swept off the Blacks in such disproportionate numbers, have not been reported.

\* The Deaths were not returned for the year 1822.

TABLE V.

Summary of Deaths in the City of Philadelphia, for a series of seven years, by the following Diseases, viz.

Years.	Population.	Whole Number of Deaths.	Consumption.	Acute Diseases of the Lungs.	Whole Number of Deaths by Diseases of the Lungs.	Fevers.	Dropsies.	Measles.	Intemperance.	Diseases of Liver.	Whooping Cough.	Palsy.	Smallpox.	Suicide.
1820	114410	3374	446	141	586	525	209	47	21 35	11 36	00 4			
1821	116810	3172	438	134	572	402	194	00 45	49 36	40 00	7			
1822	119260	3591	438	124	612	498	243	00 66	36 38	23 00	6			
1823	121760	4600	536	141	677	744	241	156 65	42 79	39 160	6			
1824	124320	4399	576	178	754	647	221	102 75	41 42	47 324	2			
1825	126930	3812	519	145	664	362	270	38 95	46 40	42 6	9			
1826	129600	4151	587	222	809	421	242	101 51	59 43	31 3	13			

Files (Fathaniel) jr. & Russ John D. 1

Medical statistics; or a comparative view of the mortality in New-York, Philadelphia, Baltimore, and Boston, for a series of years: including comparisons of the mortality of whites and blacks in the two former cities; and of whites, free blacks, and slaves, in Baltimore.  
10 pp. 1 h. 8°. New-York, E. Bliss, 1827.



TABLE VI.

*Table showing the proportion of Deaths in Philadelphia by the following Diseases, to the whole number of Deaths—and the proportion of Deaths (stillborn excluded) to the Population.*

Years.	Population.	Whole Number of Deaths (stillborn excluded.)	Deaths to Population (stillborn exc.) as one in	By (consumption, as one in	By Diseases of Lungs, as one in	By Fevers, as one in	By Dropsies, as one in	By Intemperance, as one in
1820	114410	3189	35.87	7.15	5.44	6.07	15.25	151.85
1821	116810	2961	39.45	6.76	5.17	7.36	15.26	65.80
1822	119260	3334	35.77	6.33	5.44	6.69	13.72	50.51
1823	121760	4372	27.84	8.15	6.45	5.87	18.14	67.26
1824	124320	4284	29.02	7.43	5.68	6.62	19.38	57.12
1825	126931	3539	35.86	6.81	5.32	9.77	13.18	37.25
1826	129600	3845	33.70	6.55	4.75	9.13	15.38	75.39

In this Table the rate of increase, as determined by the census of 1810 and of 1820, have served as a basis for making out the population for the subsequent years, there having been no census taken in 1825.

TABLE VII.

*Proportion of Deaths among the Blacks, in Philadelphia, to their Population.*

Years.	Population.	Whole Number of Deaths.	Proportion of Deaths to Population as one in
1820	10994	.	.....
1821	11220	686	16.35
1822	11460	560	20.46
1823	11700	800	14.62
1824	11940	703	16.98
1825	12190	495	24.62
1826	12450	529	23.53

TABLE VIII.

*Summary of Deaths per year in the City of Baltimore, for a series of eight years, by the following Diseases, viz.*

Years.	Population.	Whole Number of Deaths.	Consumption.	Acute Diseases of the Lungs.	Whole No of Deaths by Diseases of Lungs.	Fevers.	Dropsies.	Measles.	Intemperance.	Whoop'g Cough.	Diseases of Liver.	Palsy.	Smallpox.	Suicide.
1819	60900	2287	258	70	328	521	68	116	46	78	.	7	1	3
1820	62738	1625	320	42	370	153	58	00	29	27	15	17	00	4
1821	64630	2015	336	33	369	395	70	2	47	23	21	18	21	12
1822	66590	2319	296	46	342	429	88	4	47	17	48	19	122	3
1823	68600	2108	236	66	302	303	75	175	25	31	18	11	2	5
1824	70670	1468	188	47	235	185	47	14	25	14	18	9	2	5
1825	72810	1545	295	44	339	135	69	9	21	13	33	11	3	7
1826	74990	1922	306	48	354	164	84	3	21	45	29	14	4	4



TABLE IX.

*Table showing the proportion of Deaths in Baltimore, by the following Diseases, to the whole number of Deaths—and the proportion of Deaths (stillborn excluded) to Population.*

Years.	Population.	Whole Number of Deaths (stillborn excluded.)	Deaths to Population (stillborn excluded.)	By Consumption, as one in	By Diseases of Lungs, as one in	By Fevers, as one in	By Dropsies, as one in	By Intemperance as one in
1819	60906	2182	27.91	3.45	6.6	4.18	32.68	47.43
1820	62738	1527	41.08	4.65	4.12	9.66	26.32	52.65
1821	61630	1910	33.83	5.68	5.17	4.83	27.28	40.63
1822	66590	2193	30.29	7.42	6.42	5.12	24.97	46.76
1823	68600	2000	34.30	8.47	6.62	6.60	26.66	30.00
1824	70670	1366	51.74	7.26	5.61	7.38	29.06	54.64
1825	72310	1453	50.11	4.92	4.28	10.76	21.24	69.19
1826	74990	1825	41.09	5.96	5.15	11.12	21.72	36.90

TABLE X.

*This Table shows the proportion of Deaths among the Blacks, (slaves included) and among the Slaves exclusively, in Baltimore, to their Population, for the following years.*

Years.	Population of the Blacks (slaves included.)	Whole Number of Deaths among the Blacks.	Deaths among the Blacks, to their Popu. as one in	Population of the Slaves.	Whole Number of Deaths among the Slaves.	Deaths among the Slaves, to their Popu. as one in
1820	14651	488	30.02	.....	..	.....
1821	15090	423	35.67	.....	..	.....
1822	15550	582	26.71	.....	..	.....
1823	16020	659	24.30	4760	39	66.19
1824	16510	416	39.68	4910	48	102.29
1825	17010	389	43.72	5050	57	88.73
1826	17520	526	33.32	5210	97	53.92

TABLE XI.

*Summary of Deaths in the City of Boston, for a series of seven years, by the following Diseases, viz.*

Years.	Population.	Whole Number of Deaths.	Consumption.	Acute Diseases of the Lungs.	Whole Number of Deaths by Diseases of Lungs.	Fevers.	Dropsies.	Dysentery.	Measles.	Intemperance.	Whooping Cough.	Gastro Enteritis.	Palsy.	Diseases of Liver.	Apoplexy.	Smallpox.	Suicide.
1820	43940	1103	220	28	248	74	14	14	00	31	24	5	16	7	10	00	6
1821	46490	1420	216	31	246	76	40	60	149	36	26	10	22	8	7	00	12
1822	49190	1203	166	46	212	57	44	31	3	25	5	5	10	7	6	00	5
1823	52050	1154	184	42	226	49	34	25	00	17	17	15	5	9	11	00	3
1824	55080	1302	244	34	323	26	59	45	2	26	13	16	12	6	9	25	
1825	58281	1450	220	73	293	63	69	56	77	30	27	15	14	25	12	14	
1826	61620	1254	231	49	280	60	71	47	10	43	23	25	9	17	10	00	5

TABLE XII.

*Table showing the proportion of Deaths in Boston, by the following Diseases, to the whole number of Deaths—and the proportion of Deaths, (stillborn excluded) to the Population.*

Years.	Population.	Whole Number of Deaths (still-born excluded.)	Proportion of Deaths to Population, as one in	By Consumption, as one in	By Diseases of Lungs, as one in	By Fevers, as one in	By Dropsies, as one in	By Intemperance, as one in
1820	43940	1014	43.33	4 60	4.08	13.70	72 42	32.70
1821	46490	1319	35.24	6.10	5.34	17.35	32.97	36.66
1822	49190	1088	45.21	6.55	5.13	19.08	24.72	43.52
1823	52050	1045	49.80	5.67	4.62	21 32	30.73	61.47
1824	55080	1213	45.40	4.97	3.69	14.22	20.55	46.65
1825	58281	1362	42.79	6.19	4 64	20.03	19.73	45.40
1826	61620	1167	52.80	5.05	4.16	19.45	16.43	27.13

TABLE XIII.

*This Table shows the relative proportion of Deaths among the Whites and Blacks, to their Population, in the Cities of New-York, Philadelphia, and Baltimore.*

Years.	Deaths among Slaves in Baltimore, to Population (Whites and free Blacks exc.) as one in	Deaths among Free Blacks in Baltimore, to Pop. (Whites and Slaves exc.) as one in	Deaths among Blacks in Baltimore, to Population (Whites excluded) as one in	Deaths among Whites in Baltimore, to Pop. (Blacks excluded) as one in	Deaths among Blacks in Philadelphia, to Pop. (Whites excluded) as one in	Deaths among Whites in Philadelphia, to Pop. (Blacks excluded) as one in	Deaths among Blacks in New-York, to Pop. (Whites excluded) as one in	Deaths among Whites in New-York, to Pop. (Blacks excluded) as one in
1820	...	...	30.02	42.29	...	...	...	...
1821	...	...	35.67	31.11	16.35	42.47	19 50	40.23
1822	...	...	26 71	29.38	20.46	35.56	...	...
1823	66.19	...	24.30	36.28	14.62	28.96	26.85	45.14
1824	102 29	31.52	39.68	51.48	16 98	30.40	16.81	39.37
1825	88.73	36.03	43.72	48.26	24.62	34.59	14.35	37.05
1826	53.92	28.69	33.32	41.16	23.53	32.34	17.53	38.58
Average...	77.78	32.08	33.34	39 99	19.42	34.05	19.01	40 17

This Table presents several important facts: 1st. The striking difference in the proportion of Deaths among the Whites and Blacks. 2d. The still more striking difference between the deaths of the Free Blacks and Slaves in the city of Baltimore. 3d. The disproportionate number of deaths among the Blacks in the cities of New-York and Philadelphia, compared with Baltimore. The relative physical incapacity of Negroes to sustain the influence of a severe climate, and the increased effect of poverty to diminish the chances of life in cold climates, are the most active causes in producing this result. It is probable that the disparity of deaths among the Blacks in New-York and Philadelphia to the Whites, is owing to the effects of poverty upon that degraded race. The same results from similar causes, but to a more limited extent, have been observed between the poor and wealthy sections of the city of Paris. The disproportion of deaths between the Free Blacks and Slaves in Baltimore, is worthy of particular notice, and probably arises from the care bestowed on the slaves by their masters, their comparative temperance, and the more regular course of their lives, contrasted with the idleness, intemperance, and improvidence of the free blacks.

This comparative view of the Whites and Blacks evinces clearly that so far as regards the personal condition of the slaves, their situation is by no means so deplorable as has been generally imagined. It is desirable that comparative researches should be continued and extended; and we regret that circumstances require our putting these Tables to press without being able (as we had contemplated) to submit the result of investigations in the large Southern and Western slave-holding Cities.

TABLE XIV.

*Proportion of Deaths (stillborn included) to the entire Population, in New-York, Philadelphia, Baltimore, and Boston.*

Years.	Deaths in New-York to Population, are as one in	Deaths in Philadelphia, are as one in	Deaths in Baltimore to Population, are as one in	Deaths in Boston, to Population, are as one in
1816	40.82	.....	.....	.....
1817	45.37	.....	.....	.....
1818	36.00	.....	.....	.....
1819	37.95	.....	26.62	.....
1820	35.16	33.90	33.60	39.83
1821	37.01	36.82	32.07	32.73
1822	43.04	33.21	28.71	40.88
1823	42.85	26.46	32.54	45.10
1824	36.05	28.26	48.14	42.30
1825	33.09	33.29	47.12	40.19
1826	35.42	31.22	39.01	49.13

TABLE XV.

*This Table shows the average proportion of Deaths in every 1000 Inhabitants, per annum, for a series of years.*

	By Consumption, in every 1000	By all Diseases of the Lungs, in every 1000	By Fevers, in every 1000	By Dropsies, in every 1000	By Dysentery, in every 1000
In New-York....	4.96	6.34	2.12	2.02	1.02
In Philadelphia..	4.20	5.47	4.21	1.89	.....
In Baltimore ....	4.12	5.86	4.22	1.02	.....
In Boston.....	4.03	4.99	1.25	0.902	.....

TABLE XVI.

*A Comparative View of Mortality in New-York, Philadelphia, Baltimore, and Boston. by the following Diseases.*

	By Consumption, as one in	By Diseases of the Lungs, as one in	By Fevers, as one in	By Dropsies, as one in	By Intemperance as one in	By Palsy, as one in	Latitude.			Longitude.		
							N.			W.		
							°	'	"	°	'	"
In New-York..	5.03	3.94	11.73	12.35	70.80	87.84	40	42	20	74	0	45
In Baltimore..	6.46	5.47	6.31	25.91	55.40	136.42	39	17	0	76	36	0
In Boston.....	5.52	4.47	17.46	24.79	39.46	93.27	42	22	23	70	58	53
In Philadelphia	7.10	5.46	7.09	15.75	61.06	97.04	39	57	0	75	18	0
Average .....	6.03	4.83	10.65	17.20	54.58	103.64						



TABLE XVII.

*Average proportion of Deaths to Population in the following Cities.*

	Stillborn included, as one in	Stillborn excluded, as one in
Boston .....	41.26	44.66
New-York .....	37.83	40.02
Baltimore .....	35.44	37.47
Philadelphia .....	31.48	33.41
General Average..	36.50	38.89

TABLE XVIII.

*Summary of Deaths in the following Cities for a series of seven years, ending the first of January, 1827.*

	Under one year of age (stillborn exc.)	Between 1 and 2.	Between 2 and 5.	Between 5 and 10.	Between 10 and 20.	Between 20 and 30.	Between 30 and 40.	Between 40 and 50.	Between 50 and 60.	Between 60 and 70.	Between 70 and 80.	Between 80 and 90.	Between 90 and 100.	Between 100 and 110.	Between 110 and 120.
New-York..	5190	2568	2003	946	1261	3573	3617	2932	1847	1209	795	421	96	19	
Philadelphia	5438	2180	1907	1020	1296	3079	3186	2635	1842	1335	894	515	157	25	4
Baltimore ..	2464	967	938	553	987	1350	1654	1275	836	559	371	244	61	20	
Boston.....	1322	884	531	282	369	960	920	778	525	362	305	158	28	1	
Total .....	14414	6599	5379	2801	3913	8962	9377	7620	5050	3465	2365	1338	342	65	4





NATIONAL LIBRARY OF MEDICINE



NLM 01193002 2

ARMY  
MEDICAL LIBRARY